

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/003319

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C27/14 C07C47/04 C07C31/04 B01J23/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	OLAF DEUTSCHMANN ET.AL.: "FORMAL TREATMENT OF CATALYTIC COMBUSTION AND CATALYTIC CONVERSION OF METHANE" CATALYSIS TODAY, vol. 46, 1998, pages 155-163, XP002320964 page 158, left column, lines 18-19; -----	1-21
A	US 4 082 699 A (PETROW ET AL) 4 April 1978 (1978-04-04) claims 1-7; examples 1-17 -----	19-21
A	EP 0 934 774 A (MAZDA MOTOR CORPORATION) 11 August 1999 (1999-08-11) paragraph '0042! -----	19-21

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

11 March 2005

Date of mailing of the international search report

23/03/2005

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4082699	A	04-04-1978	US 3992331 A	16-11-1976
EP 0934774	A	11-08-1999	JP 11285644 A	19-10-1999
			DE 69902063 D1	14-08-2002
			DE 69902063 T2	06-03-2003
			EP 0934774 A2	11-08-1999
			ES 2180234 T3	01-02-2003
			US 6171999 B1	09-01-2001